

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A digital camera, comprising:

an imaging device driven by a plurality of kinds of drive modes, the plurality of kinds of drive modes including a draft mode and a first frame mode;

an image display device having a number of pixels less than a number of pixels of the imaging device; and

an enlarging display setting device configured to enlarge a part of an area of a whole image obtained by the imaging device at a desired enlargement ratio and to display the part of the area being enlarged as an enlarged image on the image display device, wherein

the drive modes for driving the imaging device is changed to the first frame mode such that a resolution of the enlarged image is equal to or greater than a resolution of the image display device,

the first frame mode including dividing the overall pixels of the imaging device into a plurality of fields, and reading at least one of the plurality of fields of the imaging device to obtain image data, the enlarged image being taken in from at least a portion of the image data,

a timing generator configured to generate clock signals to drive the imaging device; and

a clock generator configured to change clock signals input to the timing generator from one frequency to another frequency,

wherein when the drive mode is changed to the first frame mode from the draft mode, a refresh rate of an image output from one frame of the imaging device is prevented from changing by changing a clock frequency output from the clock generator, and

wherein when the clock frequency output from the clock generator is changed, an exposure amount is prevented from changing by keeping a pulse interval between electronic shutter pulses output to the imaging device.

Claim 2 (Original): The digital camera according to claim 1, further comprising:  
an enlarging display position designating device configured to designate a desired position in an image displayed on the image display device, wherein the image displayed on the image display device is enlarged around the position designated by the enlarging display position designating device.

Claims 3-4 (Cancelled).

Claim 5 (Previously Presented): The digital camera according to claim 1, wherein when the clock frequency output from the clock generator is changed, an exposure amount is also prevented from changing by changing a number of electronic shutter pulses output to the imaging device.

Claim 6 (Cancelled).

Claim 7 (Previously Presented): The digital camera according to claim 1, wherein the digital camera has a manual focus function, and when the manual focus function is performed, the enlarged image is displayed on the image display device one of automatically and in accordance with an instruction to the enlarging display setting device.

Claim 8 (Previously Presented): The digital camera according to claim 1, further comprising:

a release button used for performing a shutter release operation for photographing, wherein the digital camera has an auto focus function and performs the shutter release operation while depressing the release button stepwise, and wherein when the release button is depressed at a first step, an auto focus function is performed and the enlarged image is displayed on the image display device.

Claim 9 (Previously Presented): The digital camera according to claim 1, further comprising:

a release button used for performing a shutter release operation for photographing, wherein when the release button is depressed for photographing, the whole image is recorded while displaying the enlarged image on the image display device.

Claim 10 (Previously Presented): The digital camera according to claim 1, wherein even though a first enlargement instruction is input to the enlarging display setting device, a maximum enlarged image is displayed on the image display device under the condition that the drive mode is not changed to the first frame mode.

Claim 11 (Previously Presented): The digital camera according to claim 10, wherein when a second enlargement instruction is input to the enlarging display setting device, the drive mode is changed to the first frame mode.

Claim 12 (Previously Presented): The digital camera according to claim 1, when an enlargement instruction is input to the enlarging display setting device for a predetermined period of time or more, the drive mode is changed to the first frame mode.

Claim 13 (Currently Amended): The digital camera according to claim ~~[[4]]~~ 1, further comprising:

a switch configured to switch a setting if the clock frequency output from the clock generator is changed or not when the drive mode is changed to the first frame mode.

Claim 14 (Original): The digital camera according to claim 13, further comprising:

a power supply capacity checking device configured to check and detect a capacity of a power supply, wherein when the power supply capacity checking device detects that the capacity of the power supply is less than a predetermined value, the clock frequency output from the clock generator is not increased regardless of whether the switch switches the setting or not.

Claims 15-16 (Canceled).

Claim 17 (Previously Presented): The digital camera according to claim 1, wherein the plurality of kinds of drive modes further includes a second frame mode,

the drive mode for driving the imaging device is changed to the second frame mode such that an enlargement ratio used for the second frame mode is different than an enlargement ratio used for the first frame mode, and

the second frame mode includes dividing the overall pixels of the imaging device into a plurality of fields, and reading at least one of the plurality of fields of the imaging device to

obtain image data, the enlarged image being taken in from at least a portion of the image data.

Claim 18 (Previously Presented): The digital camera according to claim 17, wherein the digital camera performs a focus operation, and the enlarged image is displayed as a still image for a predetermined period of time when the focus operation is completed.

Claim 19 (Previously Presented): The digital camera according to claim 18, wherein the enlarged image is displayed at a maximum enlargement ratio when there is no particular instruction for the desired enlargement ratio.

Claim 20 (Previously Presented): The digital camera according to claim 19, wherein the enlarged image is changed while gradually decreasing an enlargement ratio in accordance with an instruction.

Claim 21 (Original): The digital camera according to claim 20, wherein a display of the enlarged image is selected as an option.

Claim 22 (Currently Amended): A digital camera, comprising:  
an imaging device driven by a plurality of kinds of drive modes, the plurality of kinds of drive modes including a draft mode and a first frame mode;  
an image display device having a number of pixels less than a number of pixels of the imaging device; and

means for enlarging a part of an area of a whole image obtained by the imaging device at a desired enlargement ratio and for displaying the part of the area being enlarged as an enlarged image on the image display device,

wherein one of the at least two kinds of drive modes for driving the imaging device is changed to the first frame mode such that a resolution of the enlarged image is equal to or greater than a resolution of the image display device,

the first frame mode including dividing the overall pixels of the imaging device into a plurality of fields, and reading at least one of the plurality of fields of the imaging device to obtain image data, the enlarged image being taken in from at least a portion of the image data,

wherein even though a first enlargement instruction is input to the enlarging display setting device, a maximum enlarged image is displayed on the image display device under the condition that the drive mode is not changed to the first frame mode, and

wherein when a second enlargement instruction is input to the means for enlarging, the drive mode is changed to the first frame mode.

Claim 23 (Original): The digital camera according to claim 22, further comprising:

means for designating a desired position in an image displayed on the image display device, wherein the image displayed on the image display device is enlarged around the position designated by the means for designating.

Claim 24 (Previously Presented): The digital camera according to claim 23, further comprising:

means for generating clock signals to drive the imaging device; and

means for changing clock signals input to the means for generating clock signals to a from one frequency to another frequency.

Claim 25 (Previously Presented): The digital camera according to claim 24, wherein when the drive mode is changed to the first frame mode from the draft mode, a refresh rate of an image output from one frame of the imaging device is prevented from changing by changing a clock frequency output from the means for changing clock signals.

Claim 26 (Original): The digital camera according to claim 25, further comprising:  
switching means for switching a setting if the clock frequency output from the means for changing clock signals is changed or not when the selected drive mode is changed.

Claim 27 (Original): The digital camera according to claim 26, further comprising:  
means for checking and detecting a capacity of a power supply, wherein when the means for checking and detecting detects that the capacity of the power supply is less than a predetermined value, the clock frequency output from the means for changing clock signals is not increased regardless of whether the switching means switches the setting or not.

Claim 28 (Previously Presented): A method of obtaining images using a digital camera having an imaging device driven by a plurality of kinds of drive modes, the plurality of kinds of drive modes including a draft mode and a first frame mode and an image display device having a number of pixels less than a number of pixels of the imaging device, comprising:

obtaining a whole image using the imaging device;

enlarging a part of an area of the whole image obtained by the imaging device at a desired enlargement ratio;

displaying the part of the area being enlarged as an enlarged image on the image display device;

changing the drive modes for driving the imaging device to the first frame mode such that a resolution of the enlarged image is equal to or greater than a resolution of the image display device;

dividing the overall pixels of the imaging device into a plurality of fields in the first frame mode;

reading at least one of the plurality of fields of the imaging device to obtain image data, the enlarged image being taken in from at least a portion of the image data;

generating clock signals to drive the imaging device; and

changing clock signals input to the generating from one frequency to another frequency,

changing a clock frequency output from the generating such that when the drive mode is changed to the first frame mode from the draft mode, such that a refresh rate of an image output from one frame of the imaging device is prevented from changing, and

keeping a pulse interval between electronic shutter pulses output to the imaging device, when the clock frequency output from the generating is changed, such that an exposure amount is prevented from changing.

Claim 29 (Previously Presented): The method according to claim 28, further comprising:



designating a desired position in an image displayed on the image display device; and  
enlarging the image displayed on the image display device around the designated  
position.

Claim 30 (Cancelled).

Claim 31 (Cancelled).

Claim 32 (Previously Presented): The method according to claim 28, further  
comprising:

changing a number of electronic shutter pulses output to the imaging device when the  
clock frequency output from the clock generator is changed such that an exposure amount is  
also prevented from changing.

Claim 33 (Cancelled).

Claim 34 (Previously Presented): The method according to claim 28, further  
comprising:

displaying the enlarged image on the image display device either automatically or in  
accordance with an instruction in response to a performance of a manual focus function of the  
digital camera.

Claim 35 (Previously Presented): The method according to claim 28, further  
comprising:

performing an auto focus function when a release button is depressed, the release button used for performing a shutter release operation for photographing.

Claim 36 (Previously Presented): The method according to claim 28, further comprising:

recording the whole image while displaying the enlarged image on the image display device when a release button used for performing a shutter release operation for photographing is depressed.

Claim 37 (Previously Presented): The method according to claim 28, further comprising:

changing the drive mode for driving the imaging device to the second frame mode such that an enlargement ratio used for the second frame mode is different than an enlargement ratio used for the first frame mode;

dividing the overall pixels of the imaging device into a plurality of fields in the second frame mode; and

reading the plurality of fields of the imaging device to obtain image data, the enlarged image being taken in from at least a portion of the image data in the second frame mode.

Claim 38 (Previously Presented): The digital camera according to claim 1, wherein electronic shutter pulses are generated corresponding to every other pulse of a horizontal synchronized signal such that the horizontal synchronized signal is thinned out.